

# PRODUCT SPECIFICATION



## **LXLG - SERIES WATER METERS 80mm to 300mm**

Used for measuring the volume of water passing through pipeline in irrigation systems. As water passes through the meter, water jets make the impeller rotate. The impeller's rotations are proportional to quantity of water being metered and are magnetically transmitted to the register.

### **FEATURES**

- Hermetically vacuum-sealed register
- Dry type magnetic transmission
- Magnetic shield, for external magnetic field protection
- High-flow accuracy and steady curve characteristics
- Solid and robust design
- High scratch resistant glass on register
- Removable inserts 80mm to 300mm
- 360° Rotating counter
- ISO 4064 Class B compliance standard (check local standards)
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### **PULSE REED SWITCH OPTION**

- Reed switch sends electric signals per a preset water quantity
- Data pulse output 100 litre, 80mm & 100mm
- Data pulse output 1000 litre, 150mm, 200mm, 250mm & 300mm
- Switching voltage 6 VAC/DC
- Switching current 0.10 Amp max

### **OPERATING CONDITIONS**

- Water temperature: up to 50°C
- Pressure rating: PN10

### **INSTALLATION RECOMMENDATIONS**

- Inlet requires 5 x pipe diameter of straight pipe
- Outlet requires 2 x pipe diameter of straight pipe
- Follow arrow direction
- Install horizontal / vertical
- Install a strainer upstream of meter to protect measuring element
- Flush line before installation to remove debris

### **FLOW DATA**

| SIZE MM               | 80    | 100    | 150    | 200    | 250    | 300     |
|-----------------------|-------|--------|--------|--------|--------|---------|
| Nominal Flow Lph      | 40000 | 60000  | 150000 | 250000 | 400000 | 600000  |
| Maximum Flow Lph      | 80000 | 120000 | 300000 | 500000 | 800000 | 1200000 |
| Transitional Flow Lph | 8000  | 12000  | 30000  | 50000  | 80000  | 120000  |
| MinimumFlow Lph       | 1600  | 2400   | 6000   | 10000  | 12000  | 18000   |

Specifications Subject to Change Without Notice - Product Drawings / Images are representative only and are subject to change

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**MODELS**

|                            |          |   |              |
|----------------------------|----------|---|--------------|
| 80mm table E inlet outlet  | LXLG-80  | 80mm with 100 litre count reed switch   | LXLG-PH80MM  |
| 100mm table E inlet outlet | LXLG-100 | 100mm with 100 litre count reed switch  | LXLG-PH100MM |
| 150mm table E inlet outlet | LXLG-150 | 150mm with 1000 litre count reed switch | LXLG-PH150MM |
| 200Mm table E inlet outlet | LXLG-200 | 200mm with 1000 litre count reed switch | LXLG-PH200MM |
| 250mm table E inlet outlet | LXLG-250 | 250mm with 1000 litre count reed switch | LXLG-PH250MM |
| 300mm table E inlet outlet | LXLG-300 | 300mm with 1000 litre count reed switch | LXLG-PH300MM |